



```

50 ANTISENSE: NO
51 SEQUENCE 1920 BP: 422 A; 561 C; 550 G; 387 T; 0 OTHER.
  Query Match 94.1%; Score 193; DB 3; Length 1920;
  Best Local Similarity 52.1%; Pred. No. 7,31e-06;
  Matches 25; Conservative 16; Mismatches 7; Indels 0; Gaps 0;
  Db 1180 AAAAATCAAGCGCTGGAGAGGAGAGAGGTTCTCAGAGTCGACG 1227
  Oy 1 AARAAVNSMNSGNTGGAAGARCARGARAGRTINTTCARNSMGNAA 48
  RESULT 2
  ID US-08-232-463-14 STANDARD; DNA: UNC; 7218 BP.
  AC xxxxxx
  DT
  DE Sequence 14, Application US/08232463
  CC Sequence 14, Application US/08232463
  CC Patent No. 5670367
  CC GENERAL INFORMATION:
  CC APPLICANT: DORNER, F.
  CC APPLICANT: SCHEFFELINGER, F.
  CC APPLICANT: FALKNER, F. G.
  CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
  CC NUMBER OF SEQUENCES: 52
  CC CORRESPONDENCE ADDRESSES:
  CC ADDRESSEE: Foley & Lardner
  CC STREET: 1800 Diagonal Road, Suite 500
  CC CITY: Alexandria
  CC STATE: VA
  CC COUNTRY: USA
  CC ZIP: 22313-0299
  CC COMPUTER READABLE FORM:
  CC MEDIUM TYPE: Floppy disk
  CC COMPUTER: IBM PC compatible
  CC OPERATING SYSTEM: PC-DOS/MS-DOS
  CC SOFTWARE: PatentIn Release #1.0, Version #1.25
  CC CURRENT APPLICATION DATA:
  CC APPLICATION NUMBER: US/08/232,463
  CC FILING DATE:
  CC CLASSIFICATION: 435
  CC PRIOR APPLICATION DATA:
  CC APPLICATION NUMBER: US/07/935,313
  CC FILING DATE:
  CC APPLICATION NUMBER: EP 91 114 300.6
  CC FILING DATE: 26-AUG-1991
  CC ATTORNEY/AGENT INFORMATION:
  CC NAME: BENT, Stephen A.
  CC REGISTRATION NUMBER: 29,768
  CC REFERENCE/DOCKET NUMBER: 30472/114 INMU
  CC TELECOMMUNICATION INFORMATION:
  CC TELEPHONE: (703)836-9300
  CC TELEFAX: (703)683-4109
  CC TELEX: 899149
  CC INFORMATION FOR SEQ ID NO: 14:
  CC SEQUENCE CHARACTERISTICS:
  CC LENGTH: 7218 base pairs
  CC TYPE: nucleic acid
  CC STRANDEDNESS: single
  CC TOPOLOGY: linear
  CC IMMEDIATE SOURCE:
  CC CLONE: PTZgpt-F15
  CC SEQUENCE 7218 BP: 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
  Db 1056 GAGCTTGCAGATTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 1098
  Query Match 58.0%; Score 119; DB 2; Length 7218;
  Best Local Similarity 16.3%; Pred. No. 2,80e+00;
  Matches 7; Conservative 25; Mismatches 11; Indels 0; Gaps 0;
  Cp 43 KSWMTGNARNACVCTCCTCTCTCCANCCSMNSMRTT 1

```

```

RESULT      3      4
ID          US-08-620-694A-9 STANDARD; DNA: UNC; 3223 BP.
AC          xxxxxx
DE          Sequence 9, Application US/08620694A
CC          Sequence 9, Application US/08620694A
CC          Patent No. 5869286
CC          GENERAL INFORMATION:
CC            APPLICANT: Yao, Zhenqin
CC            APPLICANT: Springs, Melanie
CC            APPLICANT: Fanslow, William
CC            TITLE OF INVENTION: No. 5869286el Receptor That Binds IL-17
CC            NUMBER OF SEQUENCES: 10
CC            CORRESPONDENCE ADDRESSES:
CC              ADDRESSEE: Immunex Corporation
CC                STREET: 51 University Street
CC                  CITY: Seattle
CC                    STATE: WA
CC                      COUNTRY: USA
CC                        ZIP: 98101
CC                          COMPUTER READABLE FORM:
CC                            MEDIUM TYPE: Floppy disk
CC                              COMPUTER: Apple Power Macintosh
CC                                OPERATING SYSTEM: Apple Operating System 7.5.5
CC                                  SOFTWARE: Microsoft Word for Apple, Version 6.0.1
CC                                    CURRENT APPLICATION DATA:
CC                                      APPLICATION NUMBER: US/08/620,694A
CC                                        FILING DATE: 21 MARCH 1996
CC                                          CLASSIFICATION: 435
CC                                            PRIOR APPLICATION NUMBER:
CC                                              FILING DATE: 7 AUGUST 1995
CC                                                CLASSIFICATION: 435
CC                                                  PRIOR APPLICATION DATA:
CC                                                    APPLICATION NUMBER: USSN 08/410,535
CC                                                      FILING DATE: 23 MARCH 1995
CC                                                        CLASSIFICATION: 435
CC                                                          ATTORNEY/AGENT INFORMATION:
CC                                                            NAME: Perkins, Patricia Anne
CC                                                              REGISTRATION NUMBER: 34,695
CC                                                                REFERENCE/DOCKET NUMBER: 2617-B
CC                                                                  TELECOMMUNICATION INFORMATION:
CC                                                                    TELEPHONE: (206)587-0430
CC                                                                      TELEFAX: (206)
CC                                                                        INFORMATION FOR SEQ ID NO: 9:
CC                                                                          SEQUENCE CHARACTERISTICS:
CC                                                                            LENGTH: 3223 base pairs
CC                                                                              TYPE: nucleic acid
CC                                                                               STRANDEDNESS: single
CC                                                                                TOPOLOGY: linear
CC                                                                                  MOLECULE TYPE: cDNA to mRNA
CC                                                                                    HYPOTHETICAL: NO
CC                                                                                     ANTI-SENSE: NO
CC                                                                                      ORIGINAL SOURCE:
CC                                                                                        STRAIN: IL-17 R (hCTLA8 receptor)
CC                                                                                         FEATURE:
CC                                                                                           NAME/KEY: CDS
CC                                                                                            LOCATION: 93..2693
CC                                                                                               SEQUENCE 3223 BP; 635 A; 1034 C; 970 G; 564 T; 0 OTHER.
SQ
Query Match           52.7%; Score 108; DB 3; Length 3223;
Best Local Similarity 37.2%; Pred. No. 1.63e+01;
Matches       16; Conservative   14; Mismatches    13; Indels     0; Gaps     0;
Db      2004 CTGTCGGGAGAGAAGAGAGACGACTGCACAAGCTCGAAC 2046
        ::::| | | | | | | | | : : : | | : | |
Qy      6 TWSNMNSNGNTGGAARGARGARGTNYTCAHSMNMGNAAY 48

```

CC DE Sequence 25, Application PC/US9306251  
CC DE Sequence 25, Application PC/US9306251  
CC GENERAL INFORMATION: of Oligonucleotides Containing  
CC APPLICANT: Wickstrom, Eric and Rikkyphosphonates and Arylphosphonates  
CC TITLE OF INVENTION: Stereoscopy & PRESSER  
CC NUMBER OF SEQUENCES: 93  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESS: 400 Gaird  
CC CITY: Garden RM  
CC STATE: NY/Opoly disk  
CC COUNTRY: PC compatible  
CC ZIP: Patent Release #1.0, Version #1.25  
CC COMPUTATION DATA:  
CC MATION NUMBER: PCT/US93/06251  
CC CLASSIFICATION: 19930630  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: DIGILLO, Frank S.  
CC REGISTRATION NUMBER: 31,346  
CC REFERENCE/DOCKET NUMBER: 8586  
CC TELEPHONE: 516-742-4343  
CC TELEFAX: 516-742-4366  
CC TEXT: 230 901 SANS UR  
CC INFORMATION FOR SEQ ID NO: 25:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 5084 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: DNA (genomic)  
CC SEQUENCE 5084 BP; 1450 A; 1053 C; 1111 G; 1470 T; 0 OTHER.  
Query Match  
Best Local Similarity 52.7%; Score 108; DB 4; Length 5084;  
Matches 15; Conservative 12; Mismatches 8; Indels 0; Gaps 0;  
DB 2899 GTGGGACGACCGCTTCCTCCGCGCAGCCTGTGCT 2933  
CP 41 SWTGNARNACTCTCTCTTCANCCNSWMSW 7  
RESULT 5  
ID US-08-306-691B-21 STANDARD; DNA; UNC; 5084 BP.  
AC xxxxxx  
DE Sequence 21, Application US/08306691B  
CC Sequence 21, Application US/08306691B  
CC Patent No. 5734039  
CC GENERAL INFORMATION:  
CC APPLICANT: Calabretta, Bruno  
CC TITLE OF INVENTION: Skorski, Tomasz  
CC TITLE OF INVENTION: ANTISENSE  
CC NUMBER OF SEQUENCES: 55  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: Seidel, Gonda, Lavoigna & Monaco, P.C.  
CC STREET: Two Penn Center, Suite 1800  
CC CITY: Philadelphia  
CC STATE: Pennsylvania  
CC COUNTRY: U.S.A.  
CC ZIP: 19102  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb  
CC COMPUTER: IBM PS/2

CC CC OPERATING SYSTEM: MS-DOS  
CC SOFTWARE: WordPerfect 5.1  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/306,691B  
CC FILING DATE: September 15, 1994  
CC CLASSIFICATION: 514  
CC PRIOR APPLICATION DATA:  
CC APPLICATION NUMBER:  
CC FILING DATE:  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Monaco, Daniel A.  
CC REGISTRATION NUMBER: 30,480  
CC REFERENCE/DOCKET NUMBER: 8321-8  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (215) 568-8383  
CC TELEFAX: (215) 568-5549  
CC TEXT: No. 5734039  
CC INFORMATION FOR SEQ ID NO: 21:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 5084 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: linear  
CC SEQUENCE 5084 BP; 1450 A; 1053 C; 1111 G; 1470 T; 0 OTHER.  
Query Match  
Best Local Similarity 52.7%; Score 108; DB 2; Length 5084;  
Matches 15; Conservative 12; Mismatches 8; Indels 0; Gaps 0;  
DB 2899 GTGGGACGACCGCTTCCTCCGCGCAGCCTGTGCT 2933  
CP 41 SWTGNARNACTCTCTCTTCANCCNSWMSW 7  
RESULT 6  
ID US-08-461-690B-1 STANDARD; DNA; UNC; 2310 BP.  
AC xxxxxx  
DE Sequence 1, Application US/08461690B  
CC Sequence 1, Application US/08461690B  
CC Patent No. 5670335  
CC GENERAL INFORMATION:  
CC APPLICANT: Jan, Lily Y.  
CC APPLICANT: Jan, Yuh Nung  
CC APPLICANT: Kubo, Yoshitiro  
CC APPLICANT: Reuveny, Eitan  
CC APPLICANT: Slesinger, Paul A.  
CC TITLE OF INVENTION: Cloning of Mammalian Inward Rectifier  
CC NUMBER OF SEQUENCES: 26  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESSEE: Flehr, Hobbach, Test, Albrighton & Herbert  
CC STREET: Four Embarcadero Center, Suite 3400  
CC CITY: San Francisco  
CC STATE: California  
CC COUNTRY: United States  
CC ZIP: 94111-4187  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patent Release #1.0, Version #1.30  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/461,690B  
CC FILING DATE: 05-JUN-1995  
CC CLASSIFICATION: 435  
CC PRIOR APPLICATION DATA:  
CC APPLICATION NUMBER: US 08/103,445  
CC FILING DATE: 06-AUG-1993  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Dreger, Walter H.  
CC REGISTRATION NUMBER: 24,190  
CC REFERENCE/DOCKET NUMBER: A-58619-1/WHD/JPB

Tue Oct 26 15:35:46 1999

US-08-978-217-12.rml

Page 4

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEFAX: 910 277299  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2310 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 338..1624  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 596..661 /note= "Region encoding M1  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 731..781 /note= "Region encoding H5  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 806..871 /note= "Region encoding M2  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 2131..2132 /note= "The 'N' occurring at this  
OTHER INFORMATION: position represents an 'F'."  
OTHER INFORMATION: position represents an 'F'."  
OTHER INFORMATION: position represents an 'F'."  
SEQUENCE 2310 BP: 648 A; 482 C; 537 G; 642 T; 1 OTHER.  
Query Match 50.2%; Score 103; DB 2; Length 2310;  
Best Local Similarity 35.7%; Pred. No. 3.56e+01;  
Matches 15; Conservative 14; Mismatches 13; Indels 0; Gaps 0;  
DB 1632 ATCCGCTTGGATTAATCTTCTGCTACACAGCCTGAGCT 1673  
CP 48 RTTCKNSWITGNARACTCTCTCTCTCCANCSNWSN 7  
CC 08-103-445-1 STANDARD; DNA; UNC; 2311 BP.

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/103/445  
FILING DATE: 06-AUG-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deger, Walter H.  
REGISTRATION NUMBER: 24,190  
REFERENCE/DOCKET NUMBER: A-58619/MHD  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEFAX: 910 277299  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2311 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 338..1624  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 596..661 /note= "Region encoding M1  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 731..781 /note= "Region encoding H5  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: 806..871 /note= "Region encoding M2  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
OTHER INFORMATION: segment."  
SEQUENCE 2311 BP: 648 A; 482 C; 538 G; 643 T; 0 OTHER.  
Query Match 50.2%; Score 103; DB 1; Length 2311;  
Best Local Similarity 35.7%; Pred. No. 3.56e+01;  
Matches 15; Conservative 14; Mismatches 13; Indels 0; Gaps 0;  
DB 1632 ATCCGCTTGGATTAATCTTCTGCTACACAGCCTGAGCT 1673  
CP 48 RTTCKNSWITGNARACTCTCTCTCTCCANCSNWSN 7  
RESULT 8  
PCT-US93-03985-3 STANDARD; DNA; UNC; 24979 BP.  
ID xxxxxx  
AC xxxxxx  
DE Sequence 3, Application PC/TUS9303985  
DE Sequence 3, Application PC/TUS9303985  
CC GENERAL INFORMATION:  
CC APPLICANT: Koop, Dennis R.  
CC APPLICANT: Rothenberg, Joseph A.  
CC APPLICANT: Greenhalgh, David A.  
CC APPLICANT: Yusup, Stuart H.  
CC TITLE OF INVENTION: DEVELOPMENT OF A VECTOR TO TARGET GENE  
CC NUMBER OF SEQUENCES: 3  
CC TITLE OF INVENTION: EXPRESSION TO THE EPIDERMIS OF TRANSGENIC ANIMALS  
CC CORRESPONDENCE ADDRESS: Fulbright & Jaworski  
CC ADDRESS: Fulbright & Jaworski  
CC STREET: 1301 McKinney, Suite 5100  
CC CITY: Houston  
CC STATE: Texas  
CC COUNTRY: U.S.A.  
CC ZIP: 77010-3095  
CC COMPUTER READABLE FORM: IBM PC compatible  
CC MEDIUM TYPE: Floppy disk  
CC OPERATING SYSTEM: PC-DOS/MS-DOS

```

CC INFORMATION FOR SEQ ID NO: 6:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 2009 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: cDNA
CC SEQUENCE 2009 BP: 570 A; 455 C; 438 G; 546 T; 0 OTHER.
SQ

Db 485 GGAAGAGAGATTTCAGTGGCGTGA 511
OY 21 RGARGARGAGTNTTCARWSNNGNA 47

RESULT
10
ID PCT-US95-05744-6 STANDARD; DNA; UNC; 2009 BP.
AC xxxxxx
DT

DE Sequence 6, Application PC/TUS9505744
CC Sequence 6, Application PC/TUS9505744
CC GENERAL INFORMATION:
CC APPLICANT: GOLDSTEIN, Joyce A.
CC APPLICANT: ROMKES-SPARKS, Marjorie
CC APPLICANT: DE MORAIS, Sonia M.F.
CC TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN
CC TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERMINANT
CC TITLE OF INVENTION: OF S-MEPHNYNTOLIN METABOLISM
CC NUMBER OF SEQUENCES: 61
CC CORRESPONDENCE ADDRESSES:
CC ADDRESSEE: Townsend and Townsend Khourie and Crew
CC STREET: 379 Lytton Avenue
CC CITY: Palo Alto
CC STATE: California
CC COUNTRY: US
CC ZIP: 94301
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/05744
CC FILING DATE:
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/238,821
CC FILING DATE: 06-MAY-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 08/201,118
CC FILING DATE: 22-FEB-1994
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/864,962
CC FILING DATE: 09-APR-1992
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Dow, Karen B.
CC REGISTRATION NUMBER: 29,684
CC REFERENCE/DOCKET NUMBER: 15280-192-1-1
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 326-2400
CC TELEFAX: (415) 326-2422
CC INFORMATION FOR SEQ ID NO: 6:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 2009 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC MOLECULE TYPE: cDNA
CC SEQUENCE 2009 BP: 570 A; 455 C; 438 G; 546 T; 0 OTHER.
SQ

```





CC STRANDEDNESS: double  
 CC TOPOLOGY: linear  
 CC MOLECULE TYPE: DNA (genomic)  
 CC FEATURE:  
 CC NAME/KEY: CDS  
 CC LOCATION: 441..2429  
 SQ SEQUENCE 2574 BP; 719 A; 486 C; 544 G; 825 T; 0 OTHER.

Query Match 47.88; Score 98; DB 3; Length 2574;  
 Best Local Similarity 37.28; Pred. No. 7.66e+01;  
 Matches 16; Conservative 13; Mismatches 14; Indels 0; Gaps 0;

Db 847 TTATGTAGGTGTAAGACAGAAAAGTTTACCCCTGAGAAAT 889  
 QY 6 YMSMSMGNTGCAAGARGARGARGTNTNCARMSMGNAY 48

Search completed: Fri Oct 22 08:29:28 1999  
 Job time : 61 secs.